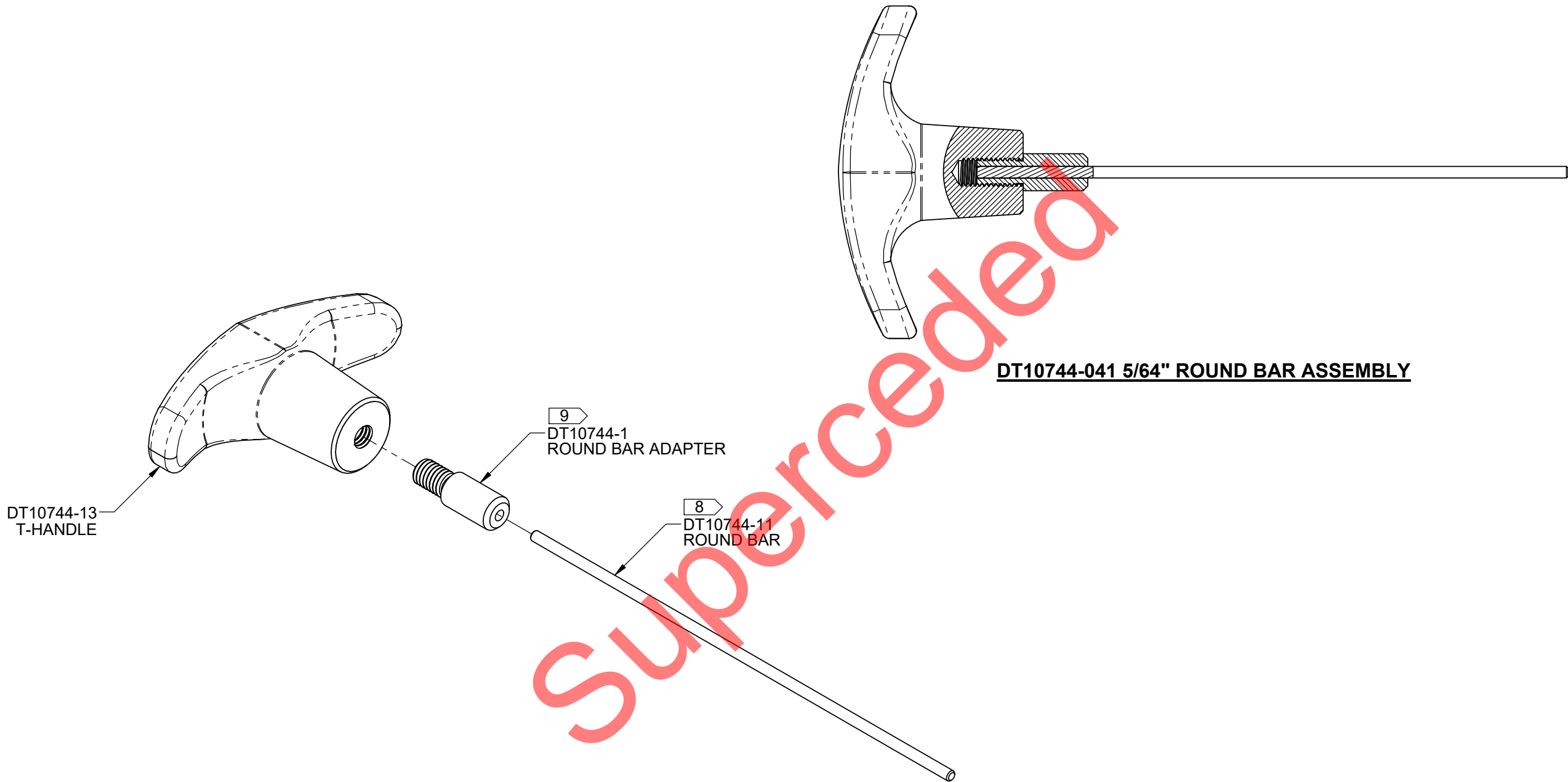


QTY -041	P/N	DESCRIPTION
X	DT10740-041	5/64" ROUND BAR ASSEMBLY
1	DT10744-1	ROUND BAR ADAPTER
1	DT10744-11	ROUND BAR
1	DT10744-13	T-HANDLE



**DT10744-041 5/64" ROUND BAR ASSEMBLY**

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A
  - 8) APPLY LOCTITE 495 ON MATING SURFACE OF DT10744-11 ROUND BAR AND THEN INSTALL, FLUSH WITH THREADED END, INTO DT10744-1 ROUND BAR ADAPTER
  - 9) APPLY LOCTITE 262 ON THREADS OF DT10744-1 ROUND BAR ADAPTER AND THEN INSTALL, HANDTIGHT, INTO DT10744-13 T-HANDLE

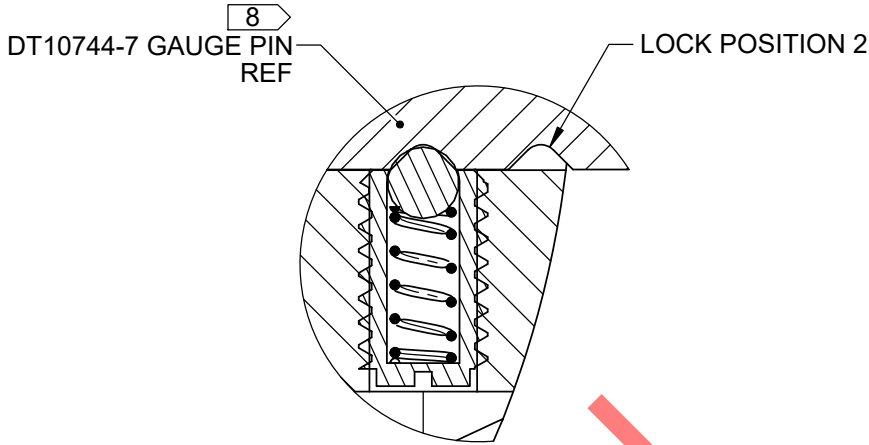
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**2021 FEB 19**

ECR HB-153  
Covid Protocol MG

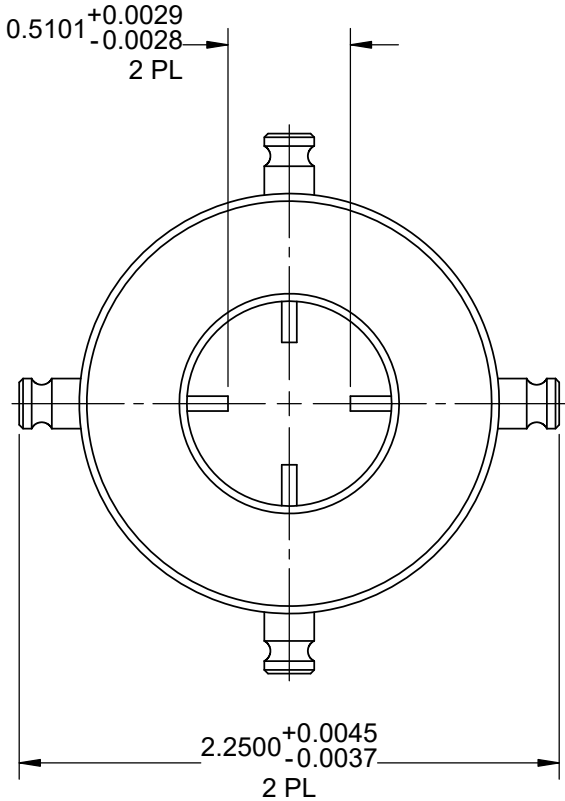
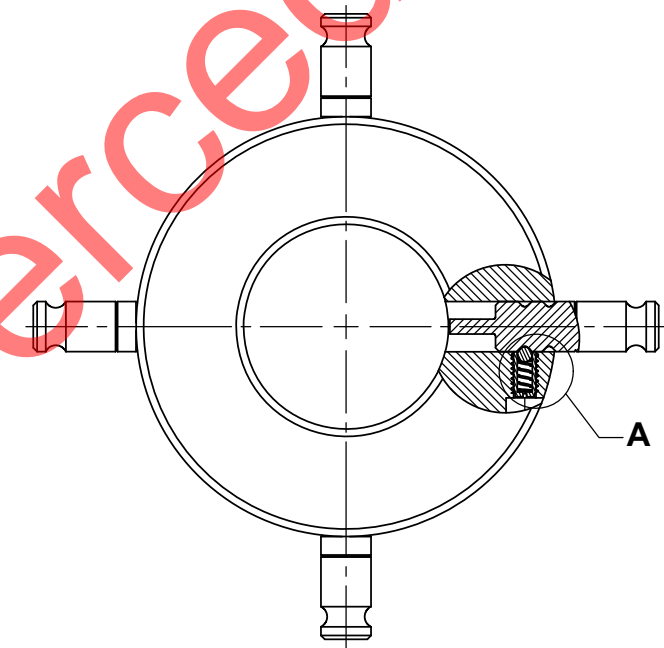
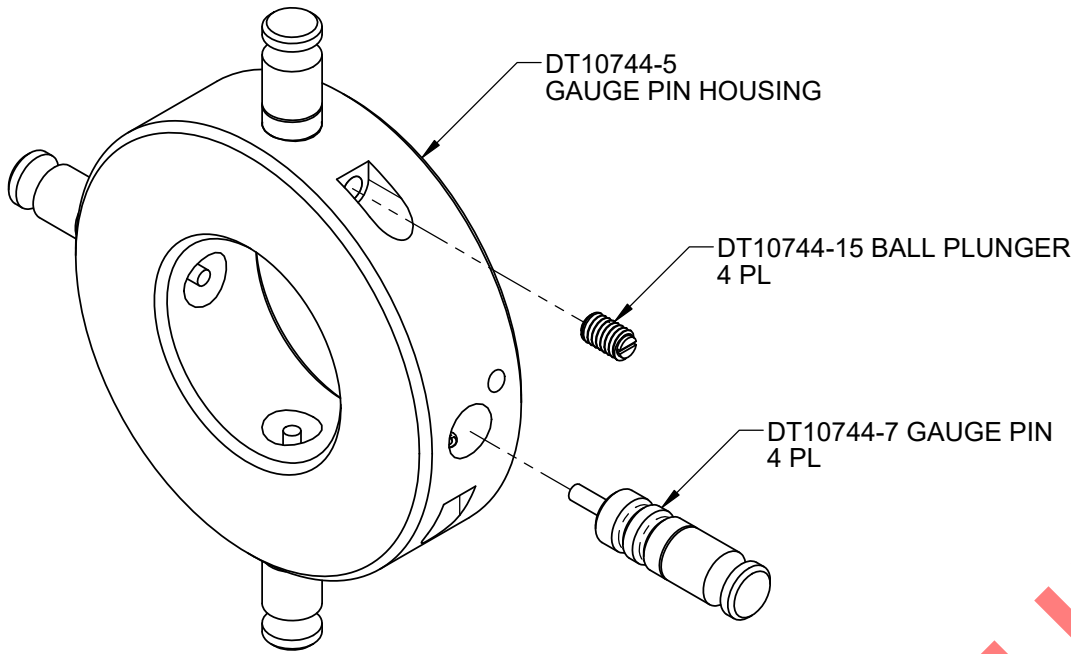
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A	NEW ISSUE	KPT	21.01.02
REV.	DESCRIPTION	BY	DATE
DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	DRAWING NO.	REV. A
MFG. APPR.	FK	DT10744	SHEET 1 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DE APPR.	N/A	TRIGGER BALL INSPECTION TOOL	NTS
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QTY -043	P/N	DESCRIPTION
X	DT10744-043	INSPECTION TOOL ASSEMBLY
1	DT10744-5	GAUGE PIN HOUSING
4	DT10744-7	GAUGE PIN
4	DT10744-15	BALL PLUNGER



**DETAIL A**  
(SHOWN LOCKED IN POSITION 1)  
4 PL



**DT10744-043 INSPECTION TOOL ASSEMBLY**

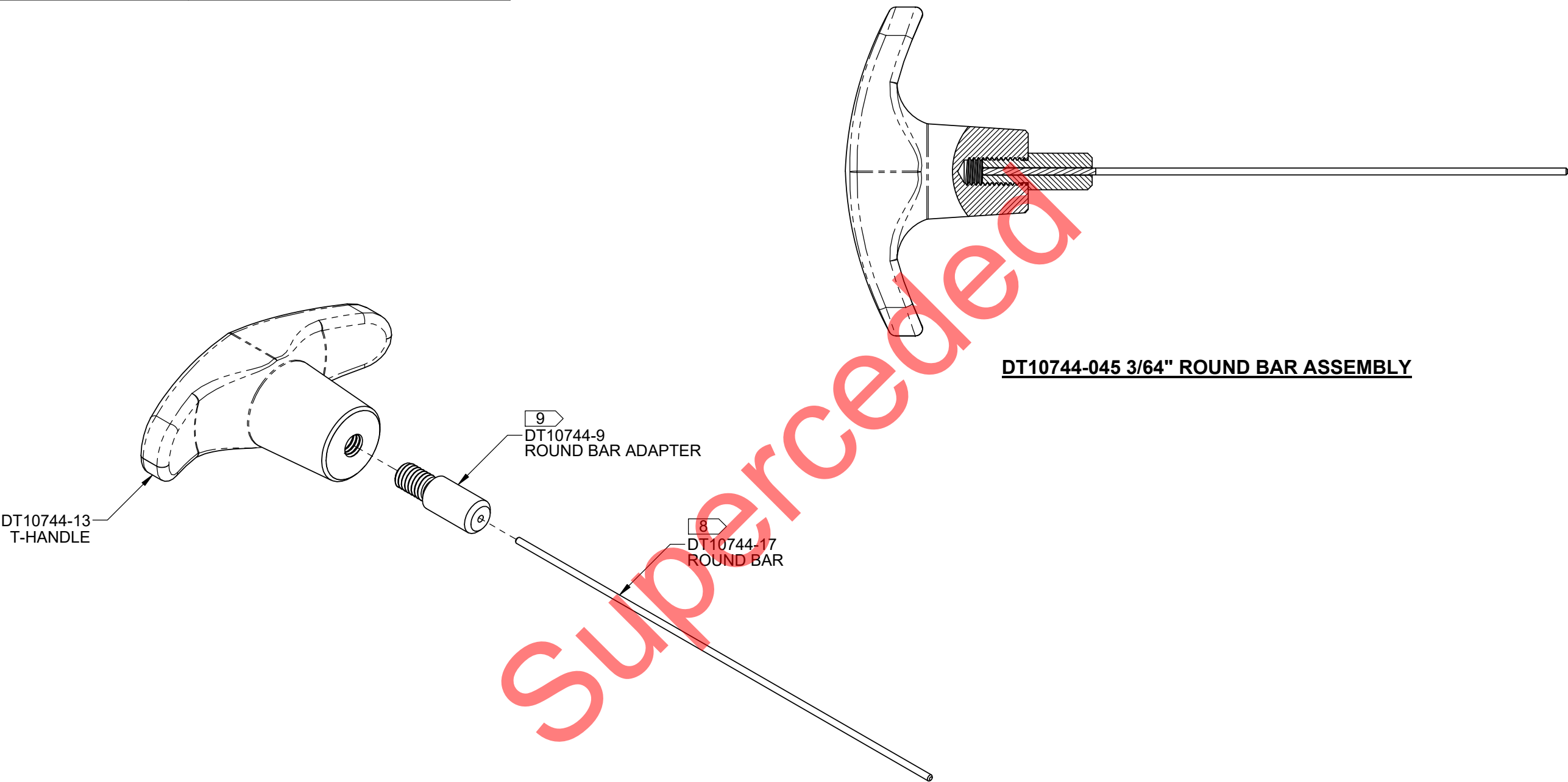
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2021 FEB 19

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A
  - 8) DT10744-7 GAUGE PIN MUST BE ABLE TO ROTATE FREELY WHEN LOCKED INTO PLACE (BOTH POSITIONS) AS SHOWN IN DETAIL A.  
ADJUST DEPTH OF DT10744-15 BALL PLUNGER AS REQUIRED
  - 9) APPLY A LIGHT COAT OF LUBRICANT TO EACH DT10744-7 PIN GAUGE BEFORE ASSEMBLY (LUBRICANT USED MUST BE SPECIFIED IN MPP-179)

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CHECKED	ZF	DRAWING NO. <b>DT10744</b>	REV. A
MFG. APPR.	FK	SHEET 2 OF 10	
APPROVED	<i>M Lee</i>	TITLE	SCALE
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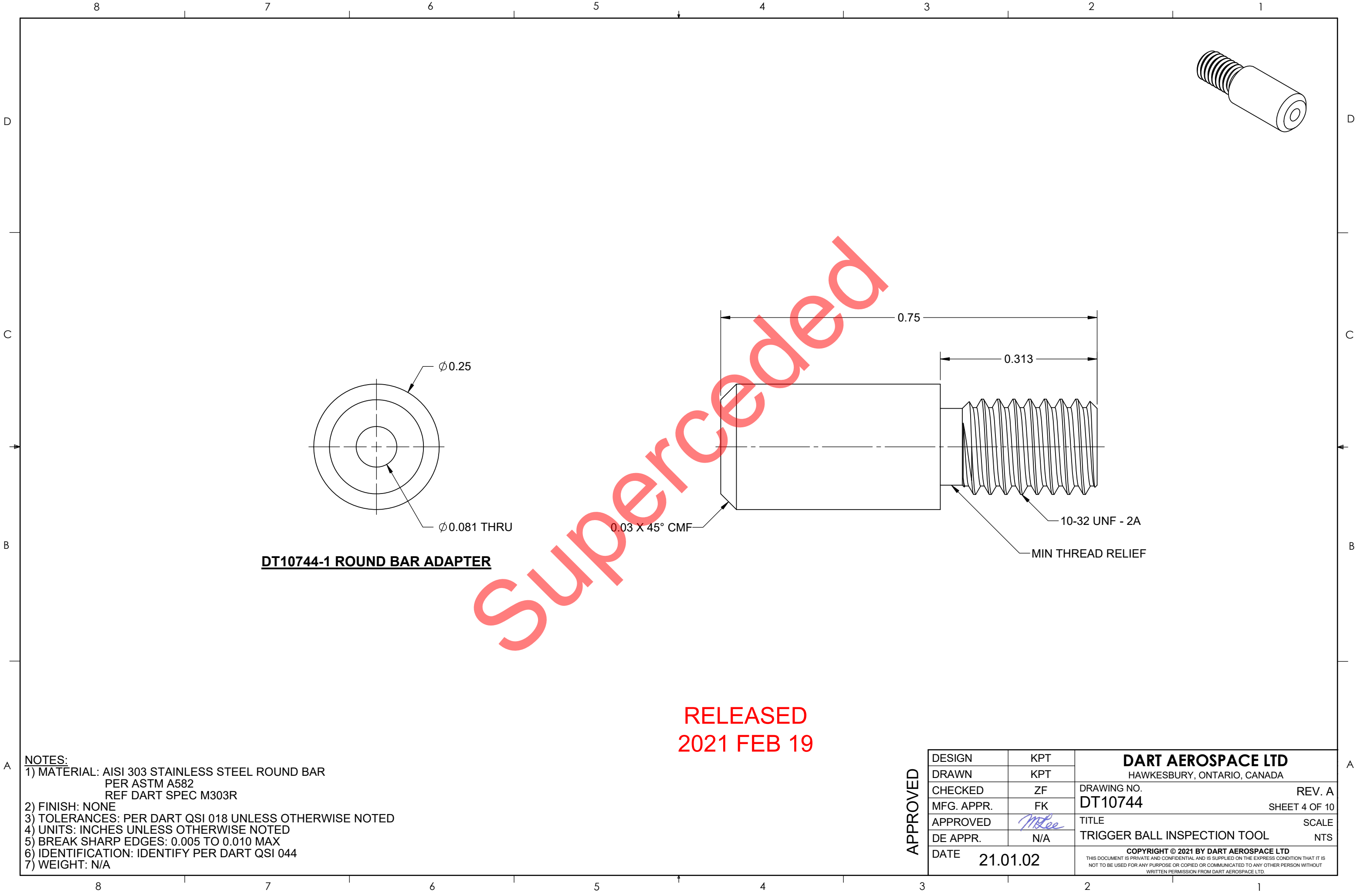
QTY -045	P/N	DESCRIPTION
X	DT10744-045	3/64" ROUND BAR ASSEMBLY
1	DT10744-9	ROUND BAR ADAPTER
1	DT10744-13	T-HANDLE
1	DT10744-17	ROUND BAR



- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A
  - 8) APPLY LOCTITE 495 ON MATING SURFACE OF DT10744-17 ROUND BAR AND THEN INSTALL, FLUSH WITH THREADED END, INTO DT10744-9 ROUND BAR ADAPTER
  - 9) APPLY LOCTITE 262 ON THREADS OF DT10744-9 ROUND BAR ADAPTER AND THEN INSTALL, HANDTIGHT, INTO DT10744-13 T-HANDLE

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CHECKED	ZF	DRAWING NO. <b>DT10744</b>	REV. A
MFG. APPR.	FK		SHEET 3 OF 10
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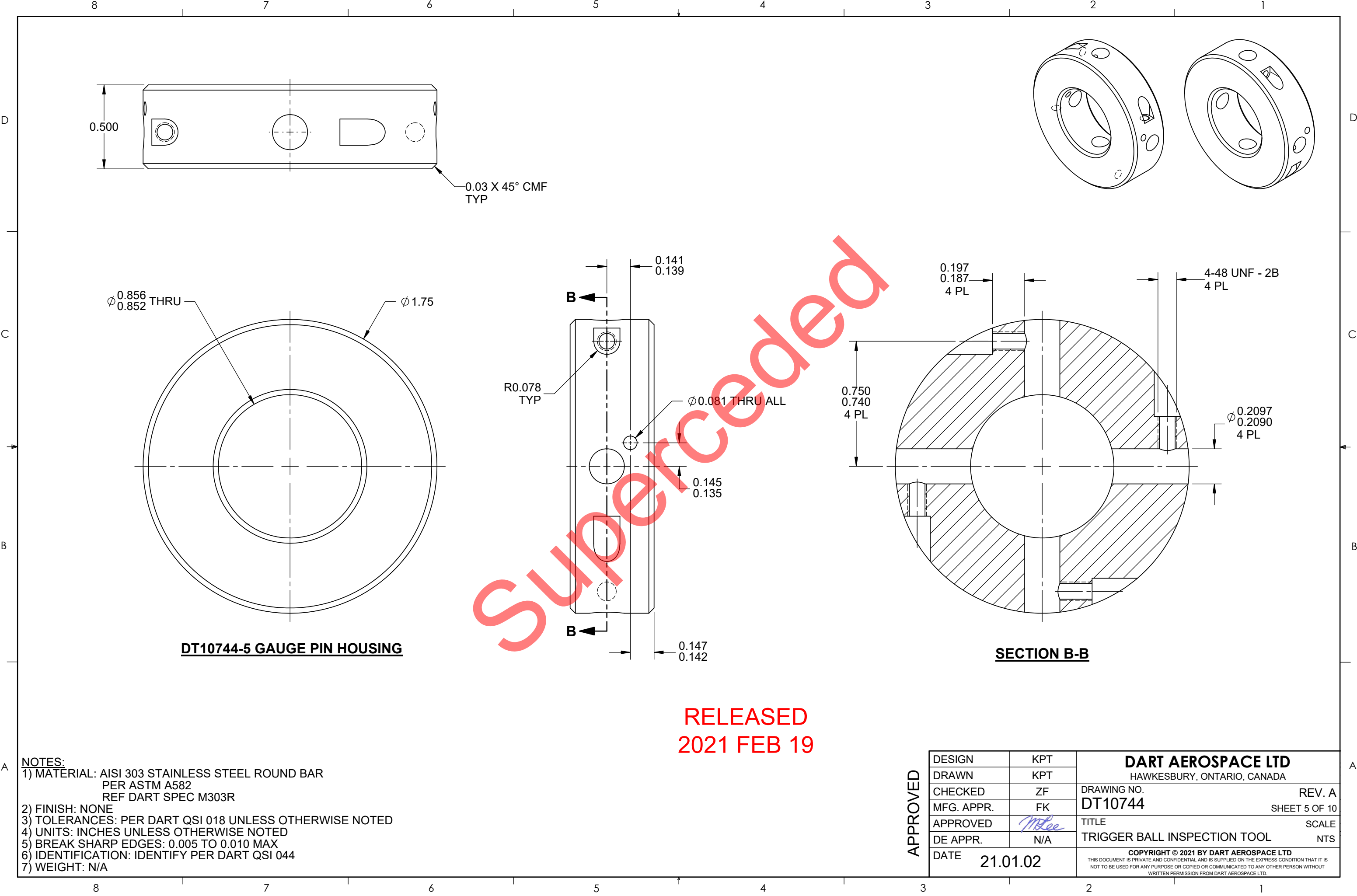
**DT10744-1 ROUND BAR ADAPTER**

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2021 FEB 19

- NOTES:
- 1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR  
PER ASTM A582  
REF DART SPEC M303R
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A

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DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	DRAWING NO. <b>DT10744</b>	REV. A
MFG. APPR.	FK		SHEET 4 OF 10
APPROVED		TITLE	SCALE
DE APPR.	N/A	TRIGGER BALL INSPECTION TOOL	NTS
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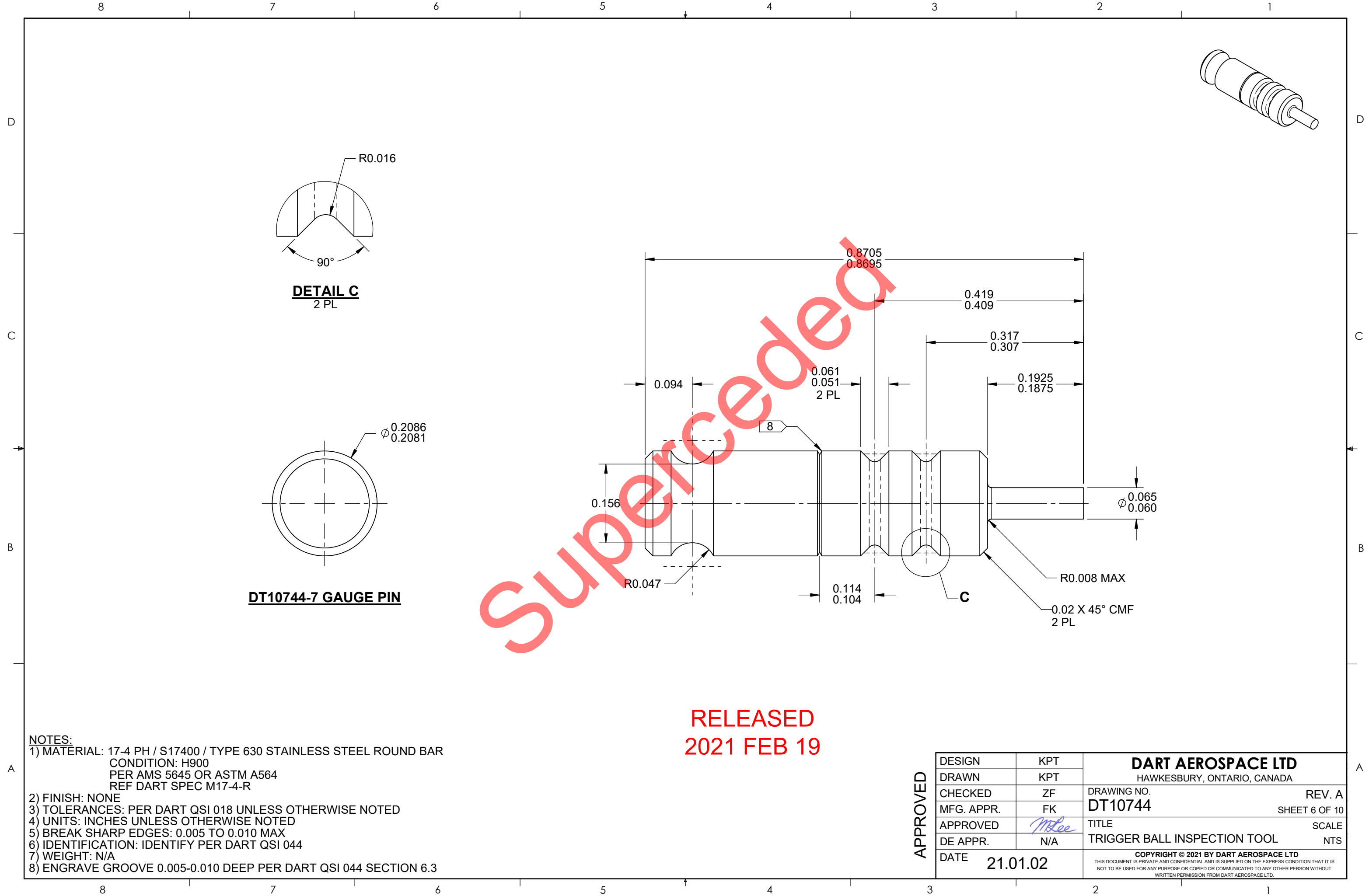
**DT10744-5 GAUGE PIN HOUSING**

**SECTION B-B**

- NOTES:**
- 1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR  
PER ASTM A582  
REF DART SPEC M303R
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A

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	CHECKED	ZF	DRAWING NO.	REV. A
	MFG. APPR.	FK	DT10744	SHEET 5 OF 10
	APPROVED	<i>M Lee</i>	TITLE	SCALE
	DE APPR.	N/A	TRIGGER BALL INSPECTION TOOL	NTS
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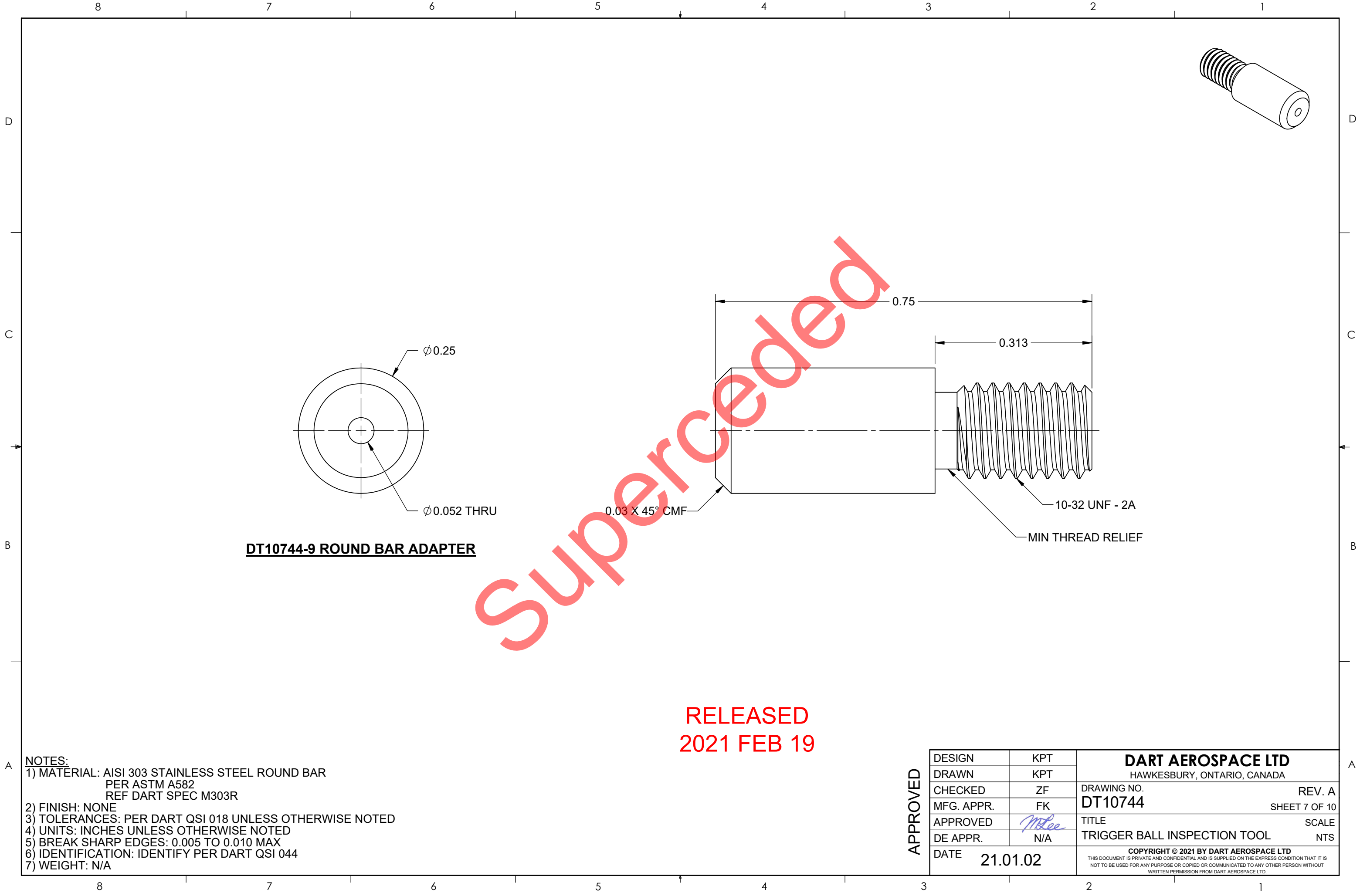
NOTES:

- 1) MATERIAL: 17-4 PH / S17400 / TYPE 630 STAINLESS STEEL ROUND BAR  
CONDITION: H900  
PER AMS 5645 OR ASTM A564  
REF DART SPEC M17-4-R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: N/A
- 8) ENGRAVE GROOVE 0.005-0.010 DEEP PER DART QSI 044 SECTION 6.3

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MFG. APPR.	FK	SHEET 6 OF 10	
APPROVED	<i>M. Lee</i>	TITLE	SCALE
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NOTES:

- 1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR  
PER ASTM A582  
REF DART SPEC M303R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: N/A

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MFG. APPR.	FK		SHEET 7 OF 10
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P/N	D	L	HARDNESS	SUGGESTED VENDOR	SUGGESTED VENDOR P/N
DT10744-11	0.0781	4.000	RC40	MCMaster-CARR	1162K101
DT10744-17	0.0469	4.000	RC40	MCMaster-CARR	1162K92

SOURCE CONTROL DRAWING



DT10744-X ROUND BAR  
(DT10744-11 SHOWN)

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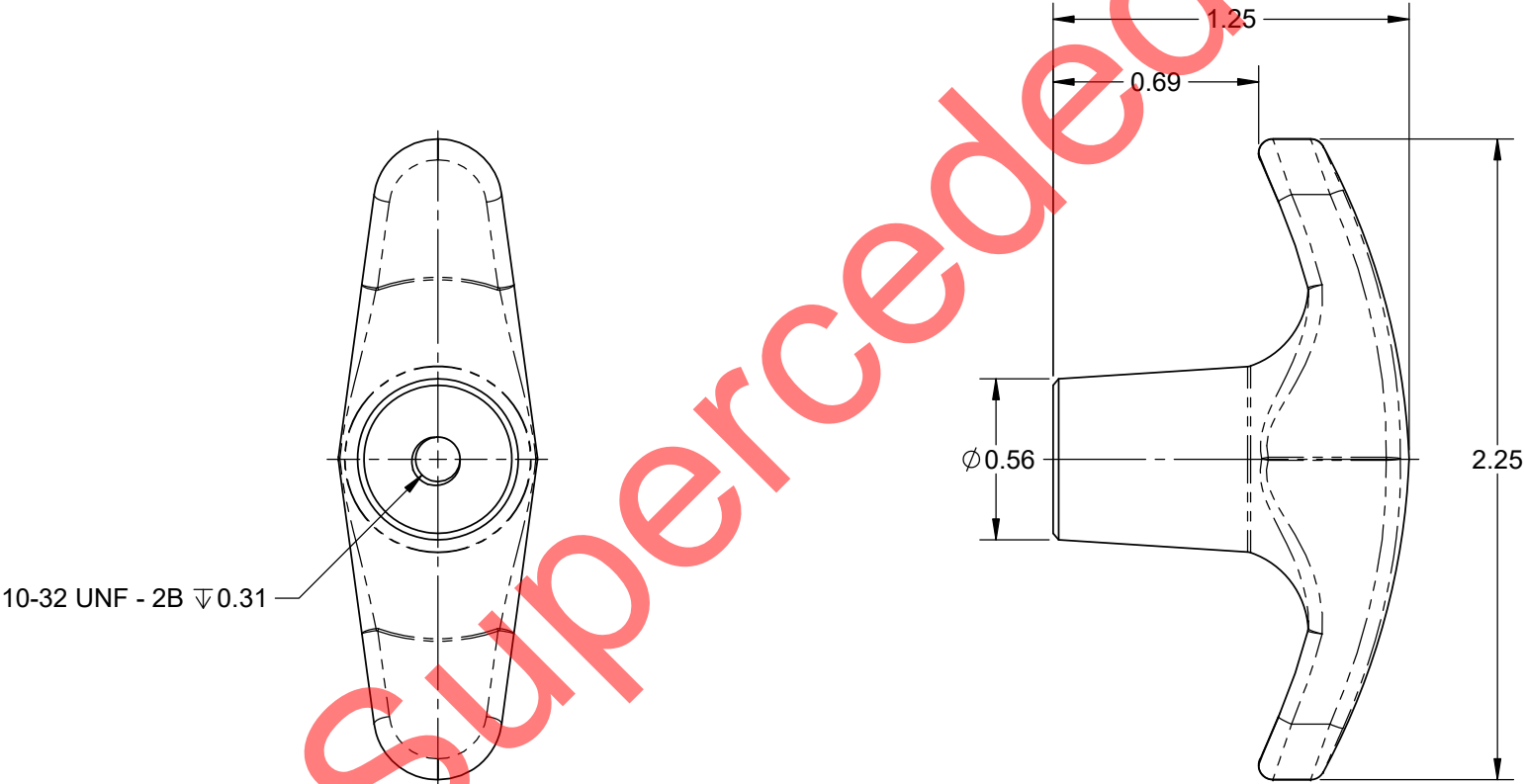
- NOTES:
- 1) MATERIAL: 17-4 PH STAINLESS STEEL
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A

APPROVED	DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
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	CHECKED	ZF	DRAWING NO. DT10744	REV. A
	MFG. APPR.	FK		SHEET 8 OF 10
	APPROVED		TITLE	
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T-HANDLE MATERIAL	THREADED INSERT MATERIAL	SUGGESTED VENDOR	SUGGESTED VENDOR P/N
BLACK PHENOLIC PLASTIC	BRASS	CARR LANE	CL-424-TH

SOURCE CONTROL DRAWING



DT10744-13 T-HANDLE

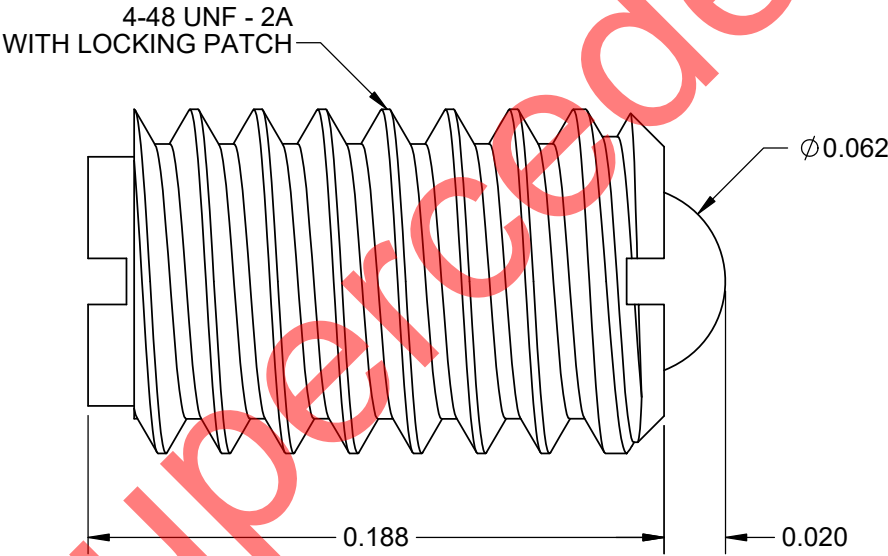
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2021 FEB 19

- NOTES:
- 1) MATERIAL: SEE TABLE
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A

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	CHECKED	ZF	DRAWING NO. DT10744	REV. A
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	APPROVED		TITLE	
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BODY MATERIAL	NOSE MATERIAL	EXTENDED NOSE FORCE (LBS)	COMPRESSED NOSE FORCE (LBS)	SUGGESTED VENDOR	SUGGESTED VENDOR P/N
300 SERIES STAINLESS STEEL	440C STAINLESS STEEL	0.1	0.5	MCMaster-CARR	3408A11
		0.125		CARR LANE	CL-5-SBP-1

SOURCE CONTROL DRAWING




DT10744-15 BALL PLUNGER

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2021 FEB 19

- NOTES:
- 1) MATERIAL: SEE TABLE
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A

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DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	DRAWING NO. DT10744	REV. A
MFG. APPR.	FK		SHEET 10 OF 10
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